



## WILLIAMSON COUNTY

Leslie Mitchell, CPPO, CPPB  
1320 West Main Street, Suite 130  
Franklin, Tennessee 37064  
(615) 790-5868  
[lesliem@williamson-tn.org](mailto:lesliem@williamson-tn.org)

October 30, 2014

To Whom It May Concern:

Williamson County is accepting bids for a new conventional cab and chassis with 4,000 Gallon street flusher for dust control for the Highway Department. Minimum bid specifications are enclosed. Please note any exceptions to the bid.

It is not the intent of Williamson County to favor one vendor; however, we do, from time to time, have to rely on vendors' help in writing specifications. We will accept all bids with exceptions noted, and all bids will be given equal consideration.

Bids will be opened Wednesday, November 19, 2014, 2:00 p.m. Bids should be submitted in a sealed envelope to the County Mayor's Office, 1320 West Main Street, Suite 125, Franklin, TN 37064. Each envelope should be plainly marked: **Bid – Water Truck, Highway Department, November 19, 2014, 2:00 p.m. Envelope must also include bidder's company name. PLEASE NOTE: IF THE SEALED PACKAGE IS NOT LABELED EXACTLY AS SPECIFIED ABOVE, THE BID WILL NOT BE OPENED.**

Williamson County reserves the right to reject any and/or all proposals, to waive technicalities or informalities, and to accept any proposal deemed to be in the best interest of Williamson County. **No bid shall be valid unless signed.** No bid shall be accepted by FAX machine or e-mail.

Enclosed is an *Ethical Standards Affidavit* and *Business Tax and License Affidavit*. Please complete these documents and return them with your bid.

If you have any questions, please e-mail [lesliem@williamson-tn.org](mailto:lesliem@williamson-tn.org). All questions must be submitted in writing by 4:30 p.m. CST on November 14, 2014. No addenda will be issued within 48 hours of the bid opening date and time.

Sincerely,

Leslie Mitchell, CPPO, CPPB  
Purchasing Agent

LM/lw  
Enclosure

**MINIMUM BID SPECIFICATIONS  
FOR NEW CONVENTIONAL CAB AND CHASSIS WITH 4000 GALLON STREET  
FLUSHER FOR DUST CONTROL FOR  
WILLIAMSON COUNTY HIGHWAY DEPARTMENT**

**GENERAL**

Truck shall be new, unused, current year manufactured tandem axle water truck. This is manufacturer's latest design and production, complete, serviced, ready for work, and includes all standard equipment as shown in the manufacturer's printed literature. Units furnished to this specification shall meet or exceed all requirements herein (see attachments). Price shall include delivery to the Williamson County garage at 302 Beasley Dr., Franklin, TN 37064.

**Use of specific names or numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer, but is intended solely for the purpose of indicating the type, size, and quality of equipment considered best adapted to the uses of the Williamson County Highway Department.**

**BID PRICE**

The bid price shall include all destination charges, delivery charges, rebates and all other applicable costs and refunds.

**MANUALS**

Unit shall be provided with two (2) copies of the operator's manual, two (2) copies of the maintenance and repair manual, and two (2) copies of the current parts manual. It should also be delivered with (2) extra sets of keys. Unit will not be accepted for delivery until manuals as outlined above are received by the purchaser.

**WARRANTY**

Bidders shall submit a copy of all the manufacturer's warranties along with a complete explanation of the warranty with their bid. Warranty shall include service response time of maximum of 36 hours within notification by the Williamson County Highway Department.

**DELIVERY**

Upon award of bid, vehicle shall be delivered within 120 days.

**NEW CONVENTIONAL CAB AND CHASSIS WITH 4000 GALLON STREET  
FLUSHER FOR DUST CONTROL FOR  
WILLIAMSON COUNTY HIGHWAY DEPARTMENT**

Total Bid      \$ \_\_\_\_\_

The bid price shall include all destination charges, delivery charges, title fees, rebates and all other applicable costs and refunds.

The bidder has received the following addenda:

Addendum # _____	Dated _____
Addendum # _____	Dated _____
Addendum # _____	Dated _____
Addendum # _____	Dated _____
Addendum # _____	Dated _____

Company Name \_\_\_\_\_  
Physical Address \_\_\_\_\_

Remittance Address \_\_\_\_\_

Authorized Signature \_\_\_\_\_

Printed Name \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

Email Address \_\_\_\_\_

Date \_\_\_\_\_

**SPECIFICATIONS FOR 2016 CONVENTIONAL CAB AND CHASSIS WITH 4000 GALLON STREET FLUSHER FOR DUST CONTROL**

Description	Complies		Description or Exceptions
	Yes	No	
Engine & Equipment			
Diesel Engine, 13 L, 410 hp, 1650 lb-ft torque, 2010 EPA Compliant			
160 amp alternator			
(3) batteries, 12-volt, 3300 CCA, threaded studs or equal			
Battery box located under cab			
Positive & negative jump start posts			
Compression brake			
Horizontal after treatment (ATD) with RH vertical tailpipe (with clear BOC) and turnout and shield			
1345 (or greater) sq. in. radiator			
Fuel filter/fuel water separator			
Gates blue stripe hoses or equal			
Extended life antifreeze to -34 degrees			
Block heater with receptacle mounted under LH door			
Heavy duty starter with over crank protection			
Transmission & Equipment			
Allison 4500 RDS Automatic Transmission, 6-Speed			
Vehicle interface wiring with body builder & Electronic Transmission Access			
Provisions for customer installed PTO mounted LH side of transmission			
Synthetic transmission lube			
Front Axle & Equipment			
18,000 lb. single front axle			
16.5x6 cam front brakes			
Front dust shields			
Power steering THP-60 with RH Ram, 4-quart power steering reservoir			
Synthetic lube 75W-90			
18,000 lb. Taper leaf suspension with shock absorbers			
Rear Axle & Equipment			
46,000 lb. tandem rear axle with pump or equal			
Ratio 4.56			
HD drive lines, 18 series			
Driver controlled traction differential both rear axles or equal			
16.5x8.62 cam rear brakes			
Rear brake dust shields			
Synthetic lube 75W-90			
Hendrickson Haulmax rear suspension, 46,000 lb., with steel beams or equal			

**SPECIFICATIONS FOR 2016 CONVENTIONAL CAB AND CHASSIS WITH 4000 GALLON STREET FLUSHER FOR DUST CONTROL**

	Description	Complies		Description or Exceptions
		Yes	No	
	Fore and aft and transverse control rods			
	54" axle spacing or equal			
<b>Brake System</b>				
	Air brakes with wabco ABS/ Traction Control			
	Heated air dryer			
	Automatic drain valves on all tanks			
<b>Wheelbase, Frame &amp; Chassis Equipment</b>				
	Wheelbase as required by body builder for 198" CT			
	HD frame with inner frame reinforcement, minimum RBM 3,200,000 lbf-in and 26.7 cu. In. Section Modulus			
	16" Steel Bumper			
	Front tow hooks			
<b>Fuel Tank &amp; Equipment</b>				
	Minimum 70 gallon aluminum fuel tank, LH side under cab w/Def tank			
<b>Tires &amp; Wheels</b>				
	Front tires 385/65R22.5 18 ply radial highway tread			
	Rear tires 11R22.5, 16 ply radial traction tread			
	Front wheels 22.5x12.25 hub pilot aluminum disc			
	Rear wheels 22.5x8.25 hub pilot steel disc			
<b>Cab Exterior</b>				
	Conventional cab, 114" BBC or equal			
	Air cab mounts			
	Fender extensions			
	LH & RH exterior grab handles			
	Bright finish radiator bezel with chrome mounted air intake grille			
	Electric horn			
	Dual 24" polished aluminum air horns with shields, roof mounted or equal			
	Halogen headlights, daytime running lights and LED marker lights			
	Dual west coast bright finish heated mirrors with LH & RH convex mirrors; power RH/LH mirrors			
	RH Down view mirror			
	Tinted glass all around			
	Daytime running lights			
	LED Marker lights			
	LED flange mounted stop/tail/turn lights with backup lights			
<b>Cab Interior</b>				

**SPECIFICATIONS FOR 2016 CONVENTIONAL CAB AND CHASSIS WITH 4000 GALLON STREET FLUSHER FOR DUST CONTROL**

Description	Complies		Description or Exceptions
	Yes	No	
Gray vinyl interior with overhead console, interior sun visors			
(2) cup holders console mounted			
Heater, defroster, & air conditioning with recirculation switch			
Heater plumbing shut off valves			
Dome lights LH & RH, door activated, reading lights			
12 volt power supply in dash			
High back air suspension driver's seat with air lumbar and arm rests			
High back non suspension passenger seat			
Black cordura plus cloth seat covers			
Adjustable tilt & telescoping steering column			
<b>Instruments and Controls</b>			
Low air pressure light & buzzer			
Primary & Secondary air pressure gauges			
Dash mounted air restriction indicator			
Backup alarm, self adjusting 87 to 112 DB			
Odometer/trip/hour/diagnostic/voltage display, data linked			
Engine coolant temperature gauge			
Engine oil temperature gauge			
Transmission oil temperature gauge			
Engine oil pressure gauge			
AM/FM/WB radio with front auxiliary input			
Power & ground studs in dash and roof console wiring with CB radio provisions			
Multi-band AM/FM/WB/CB LH mirror mounted antenna			
Intermittent wipers with arctic type blades			
Power window and door locks			
<b>Paint</b>			
Cab color candy apple red base coat clear coat			
Wheels powder coat white			
Chassis color black			
<b>Warranty</b>			
All standard warranties in addition to a 5yr/250,000 engine warranty.			
<b>Water Tank Specs</b>			
Pls see attachment (2)			
<b>Delivery</b>			
Within 120 days			

## SPECIFICATIONS FOR WATER TANK

Description	Complies		Description or Exceptions
	Yes	No	
<b>Water Pump</b>			
	Minimum rated capacity of 850 gpm @ 75 psi.		
	Powered by Muncie PTO and Spicer driveline or equal.		
<b>Water Tank Specs</b>			
	Useable capacity 4000 gal minimum, all steel.		
	Tank shall be cylindrical 78" diameter, flanged and dished domed with baffles of the same material.		
	Single top mounted 20" manway.		
	Entire tank welded inside and out.		
	Sub frame shall consist of full length skids with 4 spring loaded captured and two rigid mounts.		
	Tank shall be equipped with tank filler apparatus and shall provide filling from curb side of tank.		
	A 6" air gap shall be provided.		
	Fill system shall be equipped with a filler strainer with removable filter to decrease the introduction of contaminants into the pump's water supply.		
<b>Spray Control Valves</b>			
	Front spray bar shall have two adjustable air spray valves, complete with splash heads and street flusher attachments.		
	Each spray bar shall have separate in cab controls mounted in cab console.		
<b>Piping</b>			
	All piping shall be fabricated of standard piping, with weld-on fittings and grooved flex fittings.		
	All plumbing shall have drain plugs at low points.		
<b>Spray Hose</b>			
	Unit shall be equipped with separate hand-held spray hose, 50' x 2", with manual cut-off and adjustable heavy duty cleaning nozzle.		
	Spray hose shall be mounted on driver's side of vehicle and attached to an electric operated hose reel.		
<b>Water Cannon</b>			
	An Elkhart Model 7100 Sidewinder water cannon device shall be mounted on driver's side of vehicle.		
	This cannon shall be operated from within the cab by electronic joystick control.		
	Unit shall have adjustable nozzle control from within the cab.		

# SPECIFICATIONS FOR WATER TANK

Description	Complies		Description or Exceptions
	Yes	No	
<b>Accessories</b>			
	Complete set of DOT running and clearance lights shall be included.		
<b>Paint</b>			
	Unit shall be mounted within industry standards, with no welding on the frame.		
	All metal surfaces shall be sand blasted and unit shall be coated with epoxy primer, second coat of polyurethane primer and then a finish coat of white high solids poly paint.		
<b>Warranty</b>			
	Tank shall be warranted for five years against leaks or breakage and all plumbing shall be warranted for three years against leaks or breakage.		



**Ethical Standards Affidavit**

**State of Tennessee**

**County of Williamson County**

**Ethical Standards Affidavit.** After first being duly sworn according to law, the undersigned ("Affiant") states that he/she has the legal authority to swear to this on behalf of \_\_\_\_\_, ("Contractor") that no part of any other governmental monies provided for the services or products contemplated in this Agreement which was received from the State of Tennessee or Williamson County shall be paid directly to an employee or official of the State of Tennessee or Williamson County as wages, compensation, or gifts in exchange for acting as a Contractor, officer, agent, employee, subcontractor, or consultant to the County or the Contractor in connection with any Services or Work contemplated or performed relative to this Agreement. Affiant and Contractor further swears that no federally, state, or county appropriated funds have been paid or will be paid, by or on behalf of the Contractor, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, any employee of the State of Tennessee, or employee of Williamson County in connection with the awarding of any federal, state, or county contract, the making or awarding of any government grant, the making of any government loan, and entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal, state or county contract, grant, loan, or cooperative agreement.

**Affiant**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Witness: \_\_\_\_\_

Date \_\_\_\_\_

## ***Business Tax and License Affidavit***

***Business Tax and License Affidavit.*** The undersigned, ("Affiant"), states that he/she has the legal authority to swear to this on behalf of \_\_\_\_\_, ("Contractor"); that Contractor is not in any manner in violation of *Tennessee Code Annotated, Section, 5-14-108(l)* which provides that "(n)o purchase shall be made or purchase order or contract of purchase issued for tangible personal property or services by county officials or employees, acting in their official capacity, from any firm or individual whose business tax or license is delinquent." Affiant affirms and warrants that Contractor's licenses are currently valid and all business taxes have been paid and are current as of the date of this affidavit. Contractor is licensed and pays business taxes in \_\_\_\_\_ (County), Tennessee.

### **IV. Affiant**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Witness: \_\_\_\_\_

Date: \_\_\_\_\_